

1 | Welcome to GP-Pro EX

This manual explains the features of GP-Pro EX, the available functions supported by each display model, and the model environment of the manual.

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1.1 About GP-Pro EX

GP-Pro EX is screen editing software designed for Digital Electronics Corporation Programmable Displays. You can edit screens with easy operations.

1.1.1 Features

- **The convenient features help you reduce drawing steps**
Many features enable you to draw and edit easily. For example, Fixing Pin Function ensures smoother editing by fixing object(s) to the background, and Guideline Display helps you adjust the positions of parts you have already placed on the screen.
- **A wide variety of attractive image parts and attractive fonts help you create easy-to-understand screens**
Many high quality image parts that look similar to real parts are available.
- **A clear, easy-to-view display**
The high-quality screen offers excellent visibility. With TFT Color LCD : 65536 Colors standard, STN Color LCD : 4096 Colors standard, and with Monochrome LCD : 16 shades of gray. The subtle colors of JPEG and BMP files are clearly displayed on TFT Color models.
- **Japanese/English Menu Language**
The software menu language can be toggled easily between Japanese and English to accommodate operator preference.
- **Multiple languages can be displayed on the screen at once**
Available languages include Japanese, ASCII supported languages, Simplified and Traditional Chinese, Korean, Cyrillic Alphabet and Thai. You can also switch languages during operation.
- **Multiple device/PLC can be connected**
You can communicate with up to four different types of device/PLC. Different device/PLC addresses can be used on the same screen.
- **Address Mapping**
Address settings on parts can be done easily with a simple drag and drop operation.
- **Developing Logic Program**
You can create Logic Program to control external devices directly from the display. Variables created for the Logic Program are unified, so you can create a program easily using both logic screens and drawing screens.
- **Easy On-line Update**
An online update service is available. You can download and update your software and manual to maintain the latest version.

1.1.2 Main features of GP-Pro EX Version 2.0 or later

Features that have been added, or upgraded, since the release of GP-Pro EX version 1.1 are listed below.

- **More models supported**
In addition to the GP3000 Series, added support for the LT3000 Series and some IPC Series (PC/AT) models. The IPC Series (PC/AT) can be used to emulate a GP.
- **Simulation on your computer display**
You can run a simulation on your computer display to make sure it works as you intended before transferring the data to the display.
- **Searching parts from Comment, Label/Text**
Search and replace parts from among all parts groups.
- **Display and operate the computer display on the working display**
You can view the computer display on the working display to use the touch-operating RPA Function.
- **Save data on a USB storage device**
Now your data can be stored on an external memory for models that do not support CF Card I/F. You can also transfer projects using a USB storage device.
- **Easiest ever selection of part shape and placement**
Using the Parts Toolbox, drag and drop parts onto the screen. Register frequently used parts as your Favorites. You can also drag and drop from the Color Settings window to change part colors.
- **You can edit the Logic Program during operation**
- **Check device/PLC data in a list**
You can use the Device Monitor to list and change the current value of external devices and PLCs.
- **Enhanced security**
You can now retrieve the operation log. By setting up user IDs and passwords, you can identify the display operator, to help you determine the cause of problems. Support for global interlock is also available, which disables touch operation on all screens.
- **Able to operate the display unit remotely**
You can operate a remote display unit over the network from a PC.
- **Use a network printer to output data**
You can set up a PC on the network to act as a printer server, to print out data from the display unit.

1.2 Model Environment

The explanations of operations and functions in this manual are based on the following system structure.

Your system structure may be different, with different displays and part names, but the main feature remains the same.

Standard Structure

Hardware/Software	Model system specifications	Notes
Operating System	Windows [®] 2000	—
Device/PLC	Mitsubishi Electric Q/QnA Serial Communication Series	—
Display	AGP-3500T	Video/Movie feature uses AGP-3550T as a model system and Logic Program feature uses GP-3500T-FN1M.
Connection Method of the computer and display	USB cable connection	Digital Electronics Corporation USB Transfer Cable CA3- USBCB-01-- Sold Separately

1.3 List of Supported Functions by Device

1.3.1 GP-3200 Series

O: Supported o: Limited to certain models X: Not supported		AGP-3200T	AGP-3200A
GP-3200 Series			
Drawing with 256 Colors ^{*1}	☞ 8-42 page	O	X
Dark Color Blink	☞ 5-132 page	O	X
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O ^{*2}	O ^{*2}
LAN Connection	☞ 7-8 page	O	O
Modem Transfer	☞ 32-48 page	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	X	X
CF Memory Loader Tool	☞ 32-36 page	X	X
USB Memory Loader Tool Function	☞ 32-36 page	O	O
Backup SRAM's CF Save	☞ 5-148 page	X	X
Alarm History (CSV save)	☞ 19-56 page	O ^{*3}	O ^{*3}
Sampling Data (CSV Save)	☞ 23-20 page	O ^{*3}	O ^{*3}
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O ^{*3}	O ^{*3}
Edit data in CSV Display	☞ 24-31 page	O ^{*3}	O ^{*3}
Filing Data Save	☞ 24-43 page	O ^{*3}	O ^{*3}
File Manager Feature	☞ 24-88 page	O ^{*3}	O ^{*3}
Display JPEG Files on CF Card	☞ 8-78 page	X	X
Screen Capture	☞ 11-18 page	X	X
AUX	☞ 25-10 page	X	X
Sound Output Feature	☞ 25-3 page	X	X
Record/Play Movies	☞ 26-12 page	X	X
Video Module	☞ 26-50 page	X	X
Logic Programing	☞ 28-3 page	X	X
Variables Settings	☞ 28-41 page	O ^{*4}	O ^{*4}
Retain Retentive Variables Function	☞ 28-84 page	X	X
I/O Driver Settings	☞ 30-19 page	X	X
RPA Function	☞ 35-2 page	X	X
Device monitor ^{*5}	☞ A-47 page	O	O
Ladder monitor ^{*5}	☞ A-47 page	X	X
Reverse Display	☞ 5-132 page	X	O
Backlight Color Settings	☞ 5-176 page	X	O
Backlight burnout detection	☞ 5-134 page	X	X
Cross Cursor Display	-	O	O
Portrait Orientation	☞ 5-90 page	O	O
User Screen Area 8 MB	☞ 6-5 page	X ^{*6}	X ^{*6}
GP-Viewer EX	☞ 36-3 page	O	O
Web Server	☞ 36-5 page	O	O
GP Remote Printer Server	☞ 33-16 page	X	X

List of Supported Functions by Device

- *1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42)
- *2 Up to two Drivers can be connected simultaneously.
- *3 Possible using a USB storage device. A CF Card cannot be used.
- *4 Variables can be set up to 1000 points.
- *5 Depends on the device/PLC settings.
- *6 User screen area is 6 MB.

1.3.2 GP-3300 Series

GP-3300 Series		AGP-3302B	AGP-3307L	AGP-3301S	AGP-3300L	AGP-3300S	AGP-3300T
O: Supported							
o: Limited to certain models							
X: Not supported							
Drawing with 256 Colors ^{*1}	☞ 8-42 page	X	X	O	X	O	O
Dark Color Blink	☞ 5-132 page	X	X	O	X	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
LAN Connection	☞ 7-8 page	X	X	X	O	O	O
Modem Transfer	☞ 32-48 page	O	O	O	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	X	O ^{*3}	O ^{*3}	O	O	O
CF Memory Loader Tool	☞ 32-36 page	X	O	O	O	O	O
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	X	O	O	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O ^{*4}	O	O	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O ^{*4}	O	O	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O ^{*4}	O	O	O	O	O
Edit data in CSV Display	☞ 24-31 page	O ^{*4}	O	O	O	O	O
Filing Data Save	☞ 24-43 page	O ^{*4}	O	O	O	O	O
File Manager Feature	☞ 24-88 page	O ^{*4}	O	O	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	X	O	O	O	O	O
Screen Capture	☞ 11-18 page	X	O ^{*5}	O ^{*5}	O	O	O
AUX	☞ 25-10 page	X	X	X	X	X	X
Sound Output Feature	☞ 25-3 page	X	X	X	X	X	X
Record/Play Movies	☞ 26-12 page	X	X	X	X	X	X
Video Module	☞ 26-50 page	X	X	X	X	X	X
Logic Programing	☞ 28-3 page	X	X	X	O	O	O
Variables Settings	☞ 28-41 page	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}
Retain Retentive Variables Function	☞ 28-84 page	X	X	X	O	O	O
I/O Driver Settings	☞ 30-19 page	X	X	X	X	X	X
RPA Function	☞ 35-2 page	X	X	X	X	X	X
Device monitor ^{*7}	☞ A-47 page	O	O	O	O	O	O
Ladder monitor ^{*7}	☞ A-47 page	X	X	X	X	X	X
Reverse Display	☞ 5-132 page	O	O	X	O	X	X
Backlight Color Settings	☞ 5-176 page	X	X	X	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O	O	O	O
Cross Cursor Display	-	X	X	X	X	X	X
Portrait Orientation	☞ 5-90 page	O	O	O	O	O	O
User Screen Area 8 MB	☞ 6-5 page	X ^{*8}	X ^{*8}	X ^{*8}	X ^{*8}	X ^{*8}	X ^{*8}
GP-Viewer EX	☞ 36-3 page	X	X	X	O	O	O
Web Server	☞ 36-5 page	X	X	X	O	O	O
GP Remote Printer Server	☞ 33-16 page	X	X	X	O	O	O

*1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42)

*2 Connect up to two drivers simultaneously

List of Supported Functions by Device

- *3 Supported only when the USB transfer cable is connected.
- *4 Possible using a USB storage device. A CF Card cannot be used.
- *5 Cannot capture screens to FTP server.
- *6 Variables can set up to 6000 points.
- *7 Depends on the device/PLC settings.
- *8 User Screen Area is 6 MB.

■ Models that support control

O: Supported o: Limited to certain models X: Not supported		AGP-3300L-D81	AGP-3300L-FN1M	AGP-3300L-CA1M	AGP-3300S-D81	AGP-3300S-CA1M	AGP-3300T-D81	AGP-3300T-FN1M	AGP-3300T-CA1M
GP-3300 Series									
Drawing with 256 Colors ^{*1}	☞ 8-42 page	X	X	X	O	O	O	O	O
Dark Color Blink	☞ 5-132 page	X	X	X	O	O	O	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
LAN Connection	☞ 7-8 page	O	O	O	O	O	O	O	O
Modem Transfer	☞ 32-48 page	O	O	O	O	O	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O	O	O	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	O	O	O	O	O	O	O	O
CF Memory Loader Tool	☞ 32-36 page	O	O	O	O	O	O	O	O
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O	O	O	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	O	O	O	O	O	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O	O	O	O	O	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O	O	O	O	O	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O	O	O	O	O	O	O	O
Edit data in CSV Display	☞ 24-31 page	O	O	O	O	O	O	O	O
Filing Data Save	☞ 24-43 page	O	O	O	O	O	O	O	O
File Manager Feature	☞ 24-88 page	O	O	O	O	O	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	O	O	O	O	O	O	O	O
Screen Capture	☞ 11-18 page	O	O	O	O	O	O	O	O
AUX	☞ 25-10 page	X	X	X	X	X	X	X	X
Sound Output Feature	☞ 25-3 page	X	X	X	X	X	X	X	X
Record/Play Movies	☞ 26-12 page	X	X	X	X	X	X	X	X
Video Module	☞ 26-50 page	X	X	X	X	X	X	X	X
Logic Programing	☞ 28-3 page	O	O	O	O	O	O	O	O
Variables Settings	☞ 28-41 page	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}
Retain Retentive Variables Function	☞ 28-84 page	O	O	O	O	O	O	O	O
I/O Driver Settings	☞ 30-19 page	O	O	O	O	O	O	O	O
RPA Function	☞ 35-2 page	X	X	X	X	X	X	X	X
Device monitor ^{*4}	☞ A-47 page	O	O	O	O	O	O	O	O
Ladder monitor ^{*4}	☞ A-47 page	X	X	X	X	X	X	X	X
Reverse Display	☞ 5-132 page	O	O	O	X	X	X	X	X
Backlight Color Settings	☞ 5-176 page	X	X	X	X	X	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O	O	O	O	O	O
Cross Cursor Display	-	X	X	X	X	X	X	X	X
Portrait Orientation	☞ 5-90 page	O	O	O	O	O	O	O	O

Continued

List of Supported Functions by Device

O: Supported o: Limited to certain models X: Not supported		GP-3300 Series							
		<i>AGP-3300L-D81</i>	<i>AGP-3300L-FN1M</i>	<i>AGP-3300L-CA1M</i>	<i>AGP-3300S-D81</i>	<i>AGP-3300S-CA1M</i>	<i>AGP-3300T-D81</i>	<i>AGP-3300T-FN1M</i>	<i>AGP-3300T-CA1M</i>
User Screen Area 8 MB	☞ 6-5 page	X*5	X*5	X*5	X*5	X*5	X*5	X*5	X*5
GP-Viewer EX	☞ 36-3 page	O	O	O	O	O	O	O	O
Web Server	☞ 36-5 page	O	O	O	O	O	O	O	O
GP Remote Printer Server	☞ 33-16 page	O	O	O	O	O	O	O	O

*1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.

*2 Connect up to two drivers simultaneously

*3 Variables can set up to 6000 points.

*4 Depends on the device/PLC settings.

*5 User Screen Area is 6 MB.

1.3.3 GP-3400 Series

O: Supported o: Limited to certain models X: Not supported		AGP-3400S	AGP-3400T	AGP-3450T
GP-3400 Series				
Drawing with 256 Colors ^{*1}	☞ 8-42 page	O	O	O
Dark Color Blink	☞ 5-132 page	O	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O ^{*2}	O ^{*2}	O ^{*2}
LAN Connection	☞ 7-8 page	O	O	O
Modem Transfer	☞ 32-48 page	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	O	O	O
CF Memory Loader Tool	☞ 32-36 page	O	O	O
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O	O	O
Edit data in CSV Display	☞ 24-31 page	O	O	O
Filing Data Save	☞ 24-43 page	O	O	O
File Manager Feature	☞ 24-88 page	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	O	O	O
Screen Capture	☞ 11-18 page	O	O	O
AUX	☞ 25-10 page	O	O	O
Sound Output Feature	☞ 25-3 page	O	O	O
Record/Play Movies	☞ 26-12 page	X	X	O
Video Module	☞ 26-50 page	X	X	X
Logic Programing	☞ 28-3 page	O	O	O
Variables Settings	☞ 28-41 page	O ^{*3}	O ^{*3}	O ^{*3}
Retain Retentive Variables Function	☞ 28-84 page	O	O	O
I/O Driver Settings	☞ 30-19 page	X	X	X
RPA Function	☞ 35-2 page	X	O	O
Device monitor ^{*4}	☞ A-47 page	O	O	O
Ladder monitor ^{*4}	☞ A-47 page	O	O	O
Reverse Display	☞ 5-132 page	X	X	X
Backlight Color Settings	☞ 5-176 page	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O
Cross Cursor Display	-	X	X	X
Portrait Orientation	☞ 5-90 page	O	O	O
User Screen Area 8 MB	☞ 6-5 page	O	O	O
GP-Viewer EX	☞ 36-3 page	O	O	O
Web Server	☞ 36-5 page	O	O	O
GP Remote Printer Server	☞ 33-16 page	O	O	O

*1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.

*2 Up to four drivers can be connected simultaneously.

*3 Variables can be set up to 6000 points.

*4 Depends on device/PLC settings.

■ Models that support control

		AGP-3400S-D81	AGP-3400S-CA1M	AGP-3400T-D81	AGP-3400T-FN1M	AGP-3400T-CA1M
O: Supported o: Limited to certain models X: Not supported						
GP-3400 Series						
Drawing with 256 Colors*1	☞ 8-42 page	O	O	O	O	O
Dark Color Blink	☞ 5-132 page	O	O	O	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O*2	O*2	O*2	O*2	O*2
LAN Connection	☞ 7-8 page	O	O	O	O	O
Modem Transfer	☞ 32-48 page	O	O	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	O	O	O	O	O
CF Memory Loader Tool	☞ 32-36 page	O	O	O	O	O
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	O	O	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O	O	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O	O	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O	O	O	O	O
Edit data in CSV Display	☞ 24-31 page	O	O	O	O	O
Filing Data Save	☞ 24-43 page	O	O	O	O	O
File Manager Feature	☞ 24-88 page	O	O	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	O	O	O	O	O
Screen Capture	☞ 11-18 page	O	O	O	O	O
AUX	☞ 25-10 page	O	O	O	O	O
Sound Output Feature	☞ 25-3 page	O	O	O	O	O
Record/Play Movies	☞ 26-12 page	X	X	X	X	X
Video Module	☞ 26-50 page	X	X	X	X	X
Logic Programing	☞ 28-3 page	O	O	O	O	O
Variables Settings	☞ 28-41 page	O*3	O*3	O*3	O*3	O*3
Retain Retentive Variables Function	☞ 28-84 page	O	O	O	O	O
I/O Driver Settings	☞ 30-19 page	X	O	O	X	O
RPA Function	☞ 35-2 page	X	X	X	O	O
Device monitor*4	☞ A-47 page	O	O	O	O	O
Ladder monitor*4	☞ A-47 page	O	O	O	O	O
Reverse Display	☞ 5-132 page	X	X	X	X	X
Backlight Color Settings	☞ 5-176 page	X	X	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O	O	O
Cross Cursor Display	-	X	X	X	X	X
Portrait Orientation	☞ 5-90 page	O	O	O	O	O
User Screen Area 8 MB	☞ 6-5 page	O	O	O	O	O

Continued

List of Supported Functions by Device

O: Supported o: Limited to certain models X: Not supported		GP-3400 Series				
		AGP-3400S-D81	AGP-3400S-CA1M	AGP-3400T-D81	AGP-3400T-FN1M	AGP-3400T-CA1M
GP-Viewer EX	36-3 page	O	O	O	O	O
Web Server	36-5 page	O	O	O	O	O
GP Remote Printer Server	33-16 page	O	O	O	O	O

*1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.

*2 Connect up to four drivers simultaneously.

*3 Variables can be set up to 6000 points.

*4 Depends on the device/PLC settings.

1.3.4 GP-3500 Series

GP-3500 Series		AGP-3500L	AGP-3500S	AGP-3500T	AGP-3510T	AGP-3550T	AGP-3560T
O: Supported							
o: Limited to certain models							
X: Not supported							
Drawing with 256 Colors* ¹	☞ 8-42 page	X	O	O	O	O	O
Dark Color Blink	☞ 5-132 page	X	O	O	O	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O* ²	O* ²	O* ²	O* ²	O* ²	O* ²
LAN Connection	☞ 7-8 page	O	O	O	O	O	O
Modem Transfer	☞ 32-48 page	O	O	O	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	O	O	O	O	O	O
CF Memory Loader Tool	☞ 32-36 page	O	O	O	O	O	O
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	O	O	O	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O	O	O	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O	O	O	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O	O	O	O	O	O
Edit data in CSV Display	☞ 24-31 page	O	O	O	O	O	O
Filing Data Save	☞ 24-43 page	O	O	O	O	O	O
File Manager Feature	☞ 24-88 page	O	O	O	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	O	O	O	O	O	O
Screen Capture	☞ 11-18 page	O	O	O	O	O	O
AUX	☞ 25-10 page	O	O	O	O	O	O
Sound Output Feature	☞ 25-3 page	O	O	O	O	O	O
Record/Play Movies	☞ 26-12 page	X	X	X	X	O	O
Video Module	☞ 26-50 page	X	X	O	O	O	O
Logic Programing	☞ 28-3 page	O	O	O	O	O	O
Variables Settings	☞ 28-41 page	O* ³	O* ³	O* ³	O* ³	O* ³	O* ³
Retain Retentive Variables Function	☞ 28-84 page	O	O	O	O	O	O
I/O Driver Settings	☞ 30-19 page	X	X	X	X	X	X
RPA Function	☞ 35-2 page	X	X	O	O	O	O
Device monitor* ⁴	☞ A-47 page	O	O	O	O	O	O
Ladder monitor* ⁴	☞ A-47 page	O	O	O	O	O	O
Reverse Display	☞ 5-132 page	O	X	X	X	X	X
Backlight Color Settings	☞ 5-176 page	X	X	X	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O	O	O	O
Cross Cursor Display	-	X	X	X	X	X	X
Portrait Orientation	☞ 5-90 page	O	O	O	O	O	O
User Screen Area 8 MB	☞ 6-5 page	O	O	O	O	O	O
GP-Viewer EX	☞ 36-3 page	O	O	O	O	O	O
Web Server	☞ 36-5 page	O	O	O	O	O	O
GP Remote Printer Server	☞ 33-16 page	O	O	O	O	O	O

*1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.

*2 Up to four drivers can be connected simultaneously.

*3 Variables can be set up to 6000 points.

*4 Depends on device/PLC settings.

■ Models that support control

		AGP-3500L-D81	AGP-3500S-D81	AGP-3500S-CA1M	AGP-3500T-D81	AGP-3500T-FN1M	AGP-3500T-CA1M	AGP-3510T-CA1M
O: Supported								
o: Limited to certain models								
X: Not supported								
GP-3500 Series								
Drawing with 256 Colors *1	☞ 8-42 page	X	O	O	O	O	O	O
Dark Color Blink	☞ 5-132 page	X	O	O	O	O	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O*2	O*2	O*2	O*2	O*2	O*2	O*2
LAN Connection	☞ 7-8 page	O	O	O	O	O	O	O
Modem Transfer	☞ 32-48 page	O	O	O	O	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O	O	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	O	O	O	O	O	O	O
CF Memory Loader Tool	☞ 32-36 page	O	O	O	O	O	O	O
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O	O	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	O	O	O	O	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O	O	O	O	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O	O	O	O	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O	O	O	O	O	O	O
Edit data in CSV Display	☞ 24-31 page	O	O	O	O	O	O	O
Filing Data Save	☞ 24-43 page	O	O	O	O	O	O	O
File Manager Feature	☞ 24-88 page	O	O	O	O	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	O	O	O	O	O	O	O
Screen Capture	☞ 11-18 page	O	O	O	O	O	O	O
AUX	☞ 25-10 page	O	O	O	O	O	O	O
Sound Output Feature	☞ 25-3 page	O	O	O	O	O	O	O
Record/Play Movies	☞ 26-12 page	X	X	X	X	X	X	X
Video Module	☞ 26-50 page	X	X	X	O	O	O	O
Logic Programing	☞ 28-3 page	O	O	O	O	O	O	O
Variables Settings	☞ 28-41 page	O*3	O*3	O*3	O*3	O*3	O*3	O*3
Retain Retentive Variables Function	☞ 28-84 page	O	O	O	O	O	O	O
I/O Driver Settings	☞ 30-19 page	O	O	O	O	O	O	O
RPA Function	☞ 35-2 page	X	X	X	O	O	O	O
Device monitor *4	☞ A-47 page	O	O	O	O	O	O	O
Ladder monitor *4	☞ A-47 page	O	O	O	O	O	O	O
Reverse Display	☞ 5-132 page	O	X	X	X	X	X	X
Backlight Color Settings	☞ 5-176 page	X	X	X	X	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O	O	O	O	O
Cross Cursor Display	-	X	X	X	X	X	X	X
Portrait Orientation	☞ 5-90 page	O	O	O	O	O	O	O
User Screen Area 8 MB	☞ 6-5 page	O	O	O	O	O	O	O
GP-Viewer EX	☞ 36-3 page	O	O	O	O	O	O	O
Web Server	☞ 36-5 page	O	O	O	O	O	O	O
GP Remote Printer Server	☞ 33-16 page	O	O	O	O	O	O	O

*1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.

*2 Connect up to four drivers simultaneously.

*3 Variables can be set up to 6000 points.

*4 Depends on the device/PLC settings.

1.3.5 GP-3600/3700 Series

O: Supported o: Limited to certain models X: Not supported		AGP-3600T	AGP-3650T	AGP-3750T
GP-3600/3700 Series				
Drawing with 256 Colors ^{*1}	☞ 8-42 page	O	O	O
Dark Color Blink	☞ 5-132 page	O	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O ^{*2}	O ^{*2}	O ^{*2}
LAN Connection	☞ 7-8 page	O	O	O
Modem Transfer	☞ 32-48 page	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	O	O	O
CF Memory Loader Tool	☞ 32-36 page	O	O	O
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O	O	O
Edit data in CSV Display	☞ 24-31 page	O	O	O
Filing Data Save	☞ 24-43 page	O	O	O
File Manager Feature	☞ 24-88 page	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	O	O	O
Screen Capture	☞ 11-18 page	O	O	O
AUX	☞ 25-10 page	O	O	O
Sound Output Feature	☞ 25-3 page	O	O	O
Record/Play Movies	☞ 26-12 page	X	O	O
Video Module	☞ 26-50 page	O	O	X
Logic Programing	☞ 28-3 page	O	O	O
Variables Settings	☞ 28-41 page	O ^{*3}	O ^{*3}	O ^{*3}
Retain Retentive Variables Function	☞ 28-84 page	O	O	O
I/O Driver Settings	☞ 30-19 page	X	X	X
RPA Function	☞ 35-2 page	O	O	O
Device monitor ^{*4}	☞ A-47 page	O	O	O
Ladder monitor ^{*4}	☞ A-47 page	O	O	O
Reverse Display	☞ 5-132 page	X	X	X
Backlight Color Settings	☞ 5-176 page	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O
Cross Cursor Display	-	X	X	X
Portrait Orientation	☞ 5-90 page	O	O	O
User Screen Area 8 MB	☞ 6-5 page	O	O	O
GP-Viewer EX	☞ 36-3 page	O	O	O

Continued

List of Supported Functions by Device

O: Supported				
o: Limited to certain models				
X: Not supported				
GP-3600/3700 Series				
Web Server	☞ 36-5 page	AGP-3600T O	AGP-3650T O	AGP-3750T O
GP Remote Printer Server	☞ 33-16 page	O	O	O

*1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.

*2 Up to four drivers can be connected simultaneously.

*3 Variables can be set up to 6000 points.

*4 Depends on device/PLC settings.

■ Models that support control

O: Supported				
o: Limited to certain models				
X: Not supported				
GP-3600/3700 Series				
Drawing with 256 Colors ^{*1}	☞ 8-42 page	AGP-3600T-D81 O	AGP-3600T-FN1M O	AGP-3600T-CA1M O
Dark Color Blink	☞ 5-132 page	O	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O ^{*2}	O ^{*2}	O ^{*2}
LAN Connection	☞ 7-8 page	O	O	O
Modem Transfer	☞ 32-48 page	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	O	O	O
CF Memory Loader Tool	☞ 32-36 page	O	O	O
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O	O	O
Edit data in CSV Display	☞ 24-31 page	O	O	O
Filing Data Save	☞ 24-43 page	O	O	O
File Manager Feature	☞ 24-88 page	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	O	O	O
Screen Capture	☞ 11-18 page	O	O	O
AUX	☞ 25-10 page	O	O	O
Sound Output Feature	☞ 25-3 page	O	O	O
Record/Play Movies	☞ 26-12 page	X	X	X
Video Module	☞ 26-50 page	O	O	O
Logic Programing	☞ 28-3 page	O	O	O
Variables Settings	☞ 28-41 page	O ^{*3}	O ^{*3}	O ^{*3}
Retain Retentive Variables Function	☞ 28-84 page	O	O	O

Continued

List of Supported Functions by Device

GP-3600/3700 Series		AGP-3600T-D81	AGP-3600T-FN/IM	AGP-3600T-CA/IM
I/O Driver Settings	☞ 30-19 page	O	O	O
RPA Function	☞ 35-2 page	O	O	O
Device monitor ^{*4}	☞ A-47 page	O	O	O
Ladder monitor ^{*4}	☞ A-47 page	O	O	O
Reverse Display	☞ 5-132 page	X	X	X
Backlight Color Settings	☞ 5-176 page	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O
Cross Cursor Display	-	X	X	X
Portrait Orientation	☞ 5-90 page	O	O	O
User Screen Area 8 MB	☞ 6-5 page	O	O	O
GP-Viewer EX	☞ 36-3 page	O	O	O
Web Server	☞ 36-5 page	O	O	O
GP Remote Printer Server	☞ 33-16 page	O	O	O

*1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.

*2 Connect up to four drivers simultaneously.

*3 Variables can be set up to 6000 points.

*4 Depends on the device/PLC settings.

1.3.6 LT 3000 Series

O: Supported o: Limited to certain models X: Not supported		LT3200/3300 Series			
		LT-3201A	LT-3300L	LT-3300S	LT-3301L
Drawing with 256 Colors ^{*1}	☞ 8-42 page	X	X	O	X
Dark Color Blink	☞ 5-132 page	X	X	O	X
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	X	X	X	X
LAN Connection	☞ 7-8 page	X	O	O	X
Modem Transfer	☞ 32-48 page	O	O	O	O
SIO Transfer (COM Connection)	☞ 32-62 page	O	O	O	O
CF Card Connect Function for Transfer Tool	☞ 32-28 page	X	X	X	X
CF Memory Loader Tool	☞ 32-36 page	X	X	X	X
USB Memory Loader Tool Function	☞ 32-36 page	O	O	O	O
Backup SRAM's CF Save	☞ 5-148 page	X	X	X	X
Alarm History (CSV save)	☞ 19-56 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
Sampling Data (CSV Save)	☞ 23-20 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
Edit data in CSV Display	☞ 24-31 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
Filing Data Save	☞ 24-43 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
File Manager Feature	☞ 24-88 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
Display JPEG Files on CF Card	☞ 8-78 page	X	X	X	X
Screen Capture	☞ 11-18 page	X	O ^{*3}	O ^{*3}	O ^{*4}
AUX	☞ 25-10 page	X	X	X	X
Sound Output Feature	☞ 25-3 page	X	X	X	X
Record/Play Movies	☞ 26-12 page	X	X	X	X
Video Module	☞ 26-50 page	X	X	X	X
Logic Programing	☞ 28-3 page	O	O	O	O
Variables Settings	☞ 28-41 page	O ^{*5}	O ^{*5}	O ^{*5}	O ^{*5}
Retain Retentive Variables Function	☞ 28-84 page	O	O	O	O
I/O Driver Settings	☞ 30-19 page	O	O	O	O
RPA Function	☞ 35-2 page	X	X	X	X
Device monitor ^{*6}	☞ A-47 page	X	O	O	O
Ladder monitor ^{*6}	☞ A-47 page	X	X	X	X
Reverse Display	☞ 5-132 page	O	O	X	O
Backlight Color Settings	☞ 5-176 page	O	X	X	X
Backlight burnout detection	☞ 5-134 page	O	O	O	O
Cross Cursor Display	-	X	X	X	X
Portrait Orientation	☞ 5-90 page	X	O	O	O
User Screen Area 8 MB	☞ 6-5 page	X ^{*7}	X ^{*7}	X ^{*7}	X ^{*7}
GP-Viewer EX	☞ 36-3 page	X	X	X	X
Web Server	☞ 36-5 page	X	X	X	X
GP Remote Printer Server	☞ 33-16 page	X	O	O	X

- *1 Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.
- *2 Possible using a USB storage device. A CF Card cannot be used.
- *3 Cannot capture screens to the CF Card.
- *4 You can only save screen captures to USB storage.
- *5 Variables can set up to 6000 points.
- *6 Depends on the device/PLC settings.
- *7 User screen area is 6 MB.

1.3.7 IPC Series (PC/AT)

IPC Series		PC/AT	APL-3000B	PS-2000B	PS-3450A	PS-3451A	PS-3650A	PS-3651A	PS-3700A	PS-3710A	PS-3711A
Drawing with 256 Colors ^{*1}	☞ 8-42 page	-	O	O	O	O	O	O	O	O	O
Dark Color Blink	☞ 5-132 page	-	O	O	O	O	O	O	O	O	O
Simultaneous communication with multiple devices/PLCs	☞ 7-3 page	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}	O ^{*2}
LAN Connection	☞ 7-8 page	O	O	O	O	O	O	O	O	O	O
Modem Transfer	☞ 32-48 page	X	X	X	X	X	X	X	X	X	X
SIO Transfer (COM Connection)	☞ 32-62 page	X	X	X	X	X	X	X	X	X	X
CF Card Connect Function for Transfer Tool	☞ 32-28 page	O	O	O	O	O	O	O	O	O	O
CF Memory Loader Tool	☞ 32-36 page	X	X	X	X	X	X	X	X	X	X
USB Memory Loader Tool Function	☞ 32-36 page	X	X	X	X	X	X	X	X	X	X
Backup SRAM's CF Save	☞ 5-148 page	O	O	O	O	O	O	O	O	O	O
Alarm History (CSV save)	☞ 19-56 page	O	O	O	O	O	O	O	O	O	O
Sampling Data (CSV Save)	☞ 23-20 page	O	O	O	O	O	O	O	O	O	O
Recipe Transfer (Transfer CSV Data)	☞ 24-10 page	O	O	O	O	O	O	O	O	O	O
Edit data in CSV Display	☞ 24-31 page	O	O	O	O	O	O	O	O	O	O
Filing Data Save	☞ 24-43 page	O	O	O	O	O	O	O	O	O	O
File Manager Feature	☞ 24-88 page	O	O	O	O	O	O	O	O	O	O
Display JPEG Files on CF Card	☞ 8-78 page	O	O	O	O	O	O	O	O	O	O
Screen Capture	☞ 11-18 page	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}	O ^{*3}
AUX	☞ 25-10 page	X	X	X	X	X	X	X	X	X	X
Sound Output Feature	☞ 25-3 page	O	O	O	O	O	O	O	O	O	O
Record/Play Movies	☞ 26-12 page	X	X	X	X	X	X	X	X	X	X
Video Module	☞ 26-50 page	X	X	X	X	X	X	X	X	X	X
Logic Programing	☞ 28-3 page	X	X	X	X	X	X	X	X	X	X
Variables Settings	☞ 28-41 page	O ^{*4}	O ^{*4}	O ^{*4}	O ^{*4}	O ^{*4}	O ^{*4}	O ^{*4}	O ^{*4}	O ^{*4}	O ^{*4}
Retain Retentive Variables Function	☞ 28-84 page	X	X	X	X	X	X	X	X	X	X
I/O Driver Settings	☞ 30-19 page	X	X	X	X	X	X	X	X	X	X
RPA Function	☞ 35-2 page	X	X	X	X	X	X	X	X	X	X
Device monitor ^{*5}	☞ A-47 page	O	O	O	O	O	O	O	O	O	O
Ladder monitor ^{*5}	☞ A-47 page	X	X	X	X	X	X	X	X	X	X
Reverse Display	☞ 5-132 page	X	X	X	X	X	X	X	X	X	X
Backlight Color Settings	☞ 5-176 page	-	X	X	X	X	X	X	X	X	X
Backlight burnout detection	☞ 5-134 page	X	X	X	X	X	X	X	X	X	X
Cross Cursor Display	-	X	X	X	X	X	X	X	X	X	X
Portrait Orientation	☞ 5-90 page	-	X	X	X	X	X	X	X	X	X
User Screen Area 8 MB	☞ 6-5 page	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}	O ^{*6}
GP-Viewer EX	☞ 36-3 page	O	O	O	O	O	O	O	O	O	O
Web Server	☞ 36-5 page	X	X	X	X	X	X	X	X	X	X
GP Remote Printer Server	☞ 33-16 page	X	X	X	X	X	X	X	X	X	X

^{*1} Please refer to the Hardware Manual or "8.5.1 Setting Colors" (page 8-42) for display color.

List of Supported Functions by Device

- *2 Up to four drivers can be connected simultaneously.
- *3 Screen Capture Save to FTP Server is not available.
- *4 Variables can set up to 6000 points.
- *5 Depends on the device/PLC settings.
- *6 User Screen Area is 16 MB.

